

This Form Based on PTO/SB/21

TRANSMITTAL		Application Number	10/62	7,746	
FORM		Filing Date	July 2	28, 2003	
(to be used for all correspondence after initial filing)		First Named Inventor	AIZA	WA et al.	
			Group Art Unit	ОРТ	
			Examiner Name	NGUY	/EN
			Attorney Docket Number	14-01	7
		ENGLOS!	UDEC /obsole all that ample		
			URES (check all that apply)	T ====	After Allowance Communication
Fee Transmit	tal Form	L Ass	signment Papers r <i>an Application)</i>		to Group
Fee At	ttached	Dra	awing(s)		Appeal Communication to Board of Appeals and Interferences
Amendment /	Response	Lic	ensing-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After F	inal	Ш (РТ	tition Routing Slip FO/SB/69) and Accompanying tition		Proprietary Information
Affida	vits/declaration(s)	☐ To	Convert a polication		Status Letter
Extension of	Time Request	Por	wer of Attorney, Revocation ange of Correspondence dress	\boxtimes	Additional Enclosure(s) (please identify below):
Express Abai Request	ndonment		rminal Disclaimer	\boxtimes	Request for Certificate of Correction
Information D Statement	isclosure	Sm	nall Entity Statement	\boxtimes	Copy of Original Letters Patent (first page only) showing corrections
Certified Copy Document(s)	y of Priority	Re	quest of Refund	X	Copy of originally submitted Recordation Form Cover Sheet (attached to Notice of Recordation of Assignment Document)
Response to Incomplete A	Missing Parts/ pplication			X	Copy of originally submitted Executed Declaration/Assignment Documents
		Remarks		X	Official Notice of Recordation of Assignment Document showing the correct recording of the named Assignee
				X	PTO Form SB 44
Respo Parts u 1.52 or	nse to Missing under 37 CFR r 1.53				
	SIGNAT	URE OF A	APPLICANT, ATTORNEY, O	RAGEN	T Cortificate
Firm or	David G. Posz				FEB 2 5 2008
Individual name Posz Law Group, PL		p, PLC			1 LU B
Signature		77	7		of Correction
Date	February 21, 2008	3	<u> </u>		BECENED USPTO

FEB 2 5 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): AIZAWA et al

Serial No.: 10/627,746

Filed: July 28, 2003

Title: AUTOMATIC

AUTOMATIC BREAK DEVICE FOR

CONTROLLING MOVEMENT OF VEHICLE IN DIRECTION OPPOSITE TO INTENDED DIRECTION OF

MOVEMENT OF DRIVER

Commissioner for Patents Alexandria, VA 22313-1450

Mail Stop: Certificate of Corrections

Patent No.: 7,317,980

Issued: January 8, 2008

Atty. Dkt.: 14-017

Date: February 21, 2008

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

Applicant hereby requests that the above-identified Letters Patent be amended to correct the Assignee as recorded in item (73) on the first page of the patent.

Specifically, the named Assignee (Item 73) was erroneously recorded as:

Adivics Co., Ltd., Aichi-pref. (JP)

The Assignee (Item 73) should read as follows:

Advics Co., Ltd., Aichi-pref. (JP)

The name of Assignee was correctly made during prosecution. The as-submitted executed Declaration, Assignment Document and the Recordation Form Cover Sheet are attached as proof that this error was due to a mistake made by the USPTO.

Applicant also requests that the attached Certificate of Correction be attached to all copies of the Letters Patent.

To facilitate the above request, copies of the following documents are enclosed:

- Copy of original Letters Patent title page showing corrections (1 page);
- Form PTO/SB/44 (1 page);
- Copy of the originally submitted executed Declaration/Assignment Documents (5 pages); and
- Copy of the originally submitted Notice of Recordation of Assignment Document including the Recordation Form Cover Sheet (3 page).

Although it is believed there are no fees due at this time, authorization is hereby given to charge any unforeseen fees to Deposit Account 50-1147.

Respectfully submitted,

David G. Posz Reg. No. 37,701

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Posz Law Group, PLC 12040 South Lakes Drive, Suite 101 Reston, VA 20191 (703) 707-9110 Customer No. 23400



(12) United States Patent

Aizawa et al.

(10) Patent No.:

US 7,317,980 B2

(45) Date of Patent:

Jan. 8, 2008

(54) AUTOMATIC BRAKE DEVICE FOR CONTROLLING MOVEMENT OF VEHICLE IN DIRECTION OPPOSITE TO INTENDED DIRECTION OF MOVEMENT OF DRIVER

(75) Inventors: Hiroaki Aizawa, Anjo (JP); Shinsuke Sakane, Handa (JP); Masashi

Kishimoto, Chiryu (JP); Yuzo Imoto,

Chita-gun (JP)

(73)Assignee: Adivics Co., Ltd., Aichi-pref. (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 799 days

(21) Appl. No.: 10/627,746

(22)Filed: Jul. 28, 2003

Prior Publication Data (65)

> Feb. 5, 2004 US 2004/0024513 A1

(30)Foreign Application Priority Data

...... 2002-221397

(51) Int. Cl.

G06G 7/00 (2006.01)

(52) U.S. Cl. (58) Field of Classification Search

See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

5,875,766 A * 3/1999 Ozawa 123/561

6,253,144 B1 6/2001 Yamamura et al.

FOREIGN PATENT DOCUMENTS

JР	A-06-264783	9/1994
JP	A-07-125622	5/1995
JP	A-08-324397	12/1996
JP	A-10-016745	1/1998
JP	11-048822	* 2/1999

* cited by examiner

Primary Examiner-Thu V. Nguyen (74) Attorney, Agent, or Firm-Posz Law Group, PLC

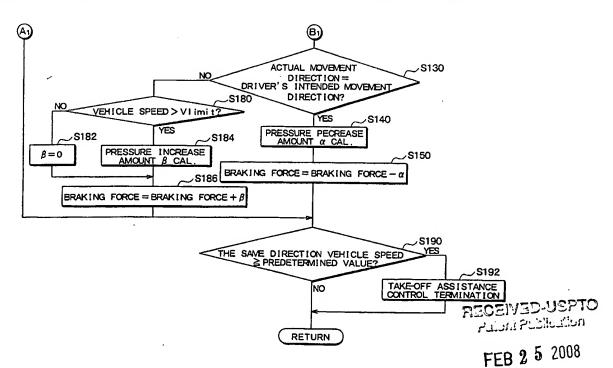
ARSTRACT (57)

Please change the Assignee (Item 73) to read as follows:

Advics Co., Ltd., Aichi-pref. (JP)

trol the movement in the opposite direction, such that the movement changes from the opposite direction to the same direction, and finally, smooth starting in the desired direction is executed.

14 Claims, 18 Drawing Sheets



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO:

7,317,980

APPLICATION NO.:

10/627,746

ISSUE DATE:

July 28, 2003

INVENTOR(S):

AIZAWA et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Correct Item (73), as Assignee's name:

"Advics" Co., Ltd., Aichi-pref. (JP)

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Posz Law Group, PLC 12040 South Lakes Drive Suite 101 Reston, VA 20191 (703) 707-9110 (phone)

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain and retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branck, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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, 14-017

06938-US

Declaration and Power of Attorney for Patent Application 特許出願宣誓書及び委任状 Japanese Language Declaration 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、郵便住所、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して特許請求の範囲に記載され、特 許出願している発明内容について、私が最初かつ唯一の発 明者(下記の氏名が一つの場合)もしくは最初かつ共同発明 者であると(下記の名称が複数の場合)信じています。 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

AUTOMATIC BRAKING DEVICE FOR CONTROLLING MOVEMENT OF VEHICLE IN DIRECTION OPPOSITE TO INTENDED DIRECTION OF MOVEMENT OF DRIVER

上記発明の明細書(下記の欄で×印がついていない場合は、本書に添付)は、	the following box is checked:
□に提出され、米 国出願番号または PCT 国際出願番号を とし、 (該当する場合)に補正されました。	was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).
私は、特許請求範囲を含む上記補正後の明細書を検討し、 内容を理解していることをここに表明します。	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1.56項に規定されるとおり、特許性の有無について重要な情報を開示する義務があることを認めます。

私は、以下に記載する特許もしくは発明者証の外国出願について米国法典第35編119条(a)-(d)項又は365条(b)項に基づく外国優先権を、又は以下に記載する米国以外の国の少なくとも一カ国を指定しているPCT国際出願について米国法典第35編365(a)項に基づく外国優先権をここに主張するとともに、優先権を主張している本出願の前に出願された特許もしくは発明者証の外国出願又はPCT国際出願を、枠内をマークすることで以下に示します。

I acknowledge the duty to disclose information which TO is material to patentability as defined in Title 37 on Code of Federal Regulations, Section 1.56.

FEB 2 5 2008

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

Japanese Language Declaration (日本語宣言書)

Prior	Foreign Appli	cation(s)			Priority Not Claimed
外国で	の先行出願				(優先権主張なし)
1.	2002-	221397	Japan	30/July/2002	
	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	(出願年月日)
2.					
_	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	(出願年月日)
3.					
	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	(出願年月日)
4.					<u> </u>
-	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	(出願年月日)
5.	<u> </u>	(W C)	/0 to \ (\(\operatorname{A}\)	(D. M. H. W Fit. D.	
6	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	(出願年月日)
6	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	
7.	(Mumber)	(田ケ)	(Odditi y) (国石)	. (Day/month) real inted/	(田瀬千万日)
	(Number)	(番号)	(Country) (国名)	(Day/Month/Year Filed)	
				(Application No.)	(Filing Date)
	olication No.) 頼番号)		(Filing Date) (出願日)	(出願番号)	(出願日)
0 際利が行限国典祭出を米すり際第	に基づく権利、 関にには を はこに は は は は は は は は は は は は は	又は米国を指 国法典第35名 す。 また、 1112条第1 での出願日以降 での期間中に 項で定義され	いて米国法典第35編12 定している下記の PCT 国 編365条(c)に基づく権 出願の各請求範囲の内で 段で規定された方法ない で当該国内出願又は PCT 入手された、連邦規則去 た特許性の有無に関する あることを認識していま	I hereby claim the benefit under States Code, Section 120 of application(s), or 365(c) of an application designating the Unit below and, insofar as the subject the claims of this application is prior United States or PCI Interning the manner provided by the firs 35, United States Code Section 11 duty to disclose information who patentability as defined in Title Regulations, Section 1.56 which between the filing date of the paths application.	any United States y PCT International ted States, listed to matter of each of not disclosed in the national application t paragraph of Title 2, I acknowledge the nich is material to 37, Code of Federal h became available
	Dication No. 出願番号)		Filing Date (出願日)	Status: Patented, Pend (現況) (特許許可済)、 (係属	ing, Abandoned

Japanese Language Declaration (日本語宣言書)

私は、私自身の知識に基いて本宣言書中で私が行う表明 が真実であり、かつ私の入手した情報と私の信じるところ に基く表明が全て真実であると信じていること、さらに故 意になされた虚偽の表明及びそれと同等の行為は米国法典 第18編第1001条に基き、罰金または拘禁、もしくは その両方により処罰されること、そしてそのような故意に よる虚偽の声明を行えば、出願した、又は既に許可された 特許の有効性が失われることを認識し、よってここに上記 のごとく宣誓を致します。

委任状: 私は下記の発明者として、本出願に関する一切の手続を米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁護士、または代理人の氏名及び登録番号を明記のこと)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

David G. Posz, Reg. No. 37701, Kerry S. Culpepper, Reg. No. 45672, Charles W. Bethards, Reg. No. 36453, R. Louis Breeden, Reg. No. 37286, James E. Barlow, Reg. No. 32377, Jeff K. Berger, Reg. No. 51460 and all other attorneys and/or agents associated with PTO Customer No. 23400.

書類送付先: (Send Correspondence to)

David G. Posz, Esq., Posz & Bethards, PLC, 11250 Roger Bacon Drive, Suite 10, Reston, VA 20190, PTO Customer No. 23400

直接電話連絡先 (名前及び電話番号): Direct Telephone Calls to (name and telephone number)
David G. Posz, Esg., (703) 707-9110

唯一	または第一発明者(Fi	ull name of sole or first inver	ntor)	Hiroaki AlZAWA	
発明	者の署名(Inventor'	s Signature) H.A. July 11, 2002	Hiroaki	Aizawa	
日付	(Date)	703.17.11			
住所	(Residence)	Anjo-city, Japan			
国籍	(Citizenship)	Japan			
郵便	住所 (Post Office Ac	ddress) c/o ADVICS CO., LT[2-1, Asahi-mac		city, Aichi-pref.,	448-8650 Japan

第二共同発明者(Full name	of second joint inventor)	Shinsuke SAKANE	RECEIVED-USP Whelest many	ြ
発明者の署名(Inventor's	Signature) Shinsuke	Sakane	FEB 2 5 2008	1
日付 (Date)	103.7.14			
生所 (Residence)	Handa-city, Japan		RECEIVED:	JEP
国籍 (Citizenship)	Japan			
郵便住所 (Post Office Add	ress) c/o ADVICS CO., LTD.		FEB 2 5	2008
	2-1, Asahi-machi, Kai	riya-city, Aichi-pref.,	448-8650 Japan	

Japanese Language Declaration (日本語宣言書)

第三共同発明者(Full name of third]	joint inventor)	Masashi KISHIMOTO
発明者の署名(Inventor's Signature	nasaski	Kishimoto
日付 (Date) 03,7、/3		
住所 (Residence) Chi	ryu-city, Japan	
国籍 (Citizenship) Jap	an	
郵便住所 (Post Office Address) C/O		riya-city, Aichi-pref., 448-8650 Japan

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発明者の署名(Inventor's Sign	Jugo Imoto
日付 (Date)	July 15, 2003
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国籍 (Citizenship)	Japan
郵便住所 (Post Office Address)	c/o ADVICS CO., LTD.
	2-1, Asahi-machi, Kariya-city, Aichi-pref., 448-8650 Japan

第五共同発明者(Full name of fifth joint	inventor)
発明者の署名(Inventor's Signature)	
	·
日付 (Date)	
住所 (Residence)	
国籍 (Citizenship)	
郵便住所 (Post Office Address)	
住所 (Residence) 国籍 (Citizenship)	

第六共同発明者(Full name of sixth joint inventor)	
発明者の署名 (Inventor's Signature)	
日付 (Date)	
住所 (Residence)	
国籍 (Citizenship)	
郵便住所 (Post Office Address)	

| Additional Inventor(s) is (are) listed on the attached sheet which is incorporated hereinfixの音音音画を出った。 Palona Palonation

correctly 7submittedassignment

COPY Docket No. 14-014

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

ADVICS CO., LTD.: 2-1, Asahi-machi, Kariya-city, Aichi-pref., 448-8650 Japan

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

AUTOMATIC BRAKING DEVICE FOR CONTROLLING MOVEMENT OF VEHICLE IN DIRECTION OPPOSITE TO INTENDED DIRECTION OF MOVEMENT OF DRIVER

(A) X On even date herewith	atent of the United Sta	ites executed	
(B) On			
(C) As U.S. Application Serial No)	Filed on	
as well as any and all continuations, divi Patent, and all Letters Patent that may request(s) the United States Commissions said Assignee.	be granted therefor.	The undersigned hereby auth	orize(s) and
The undersigned agree(s), when request which may be necessary for securing a thereto in said Assignee.			
The undersigned authorize(s) and empo of priority provided by the International convention which may be henceforth su application for said Letters Patent.	Convention for the F	Protection of Industrial Property	y, or by any
The undersigned also authorize(s) Posz may be necessary or desirable for record			ification that
Hiroaki Azawa	103- 7.11		
Inventor 1: Hiroaki AIZAWA	Date		
Shinsuke Sakane	`03.7.14		
Inventor 2: Shinsuke SAKANE	Date	_	
Masashi Kishimoto Inventor 3: Masashi KISHIMOTO	03.7./5 Date	<u> </u>	
Inventor 4: Yuzo IMOTO	03.7.15 Date	_	
		77	EOENED-USPTO Palacit Palaciton
Inventor 5:	Date	_	FEB 2 5 2008





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 24, 2004

PTAS

s *102522089A*

POSZ & BETHARDS, PLC DAVID G. POSZ 11250 ROGER BACON DRIVE, SUITE 10 RESTON, VA 20190

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/28/2003

REEL/FRAME: 014355/0946

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AIZAWA, HIROAKI

ASSIGNOR:

SAKANE, SHINSUKE

ASSIGNOR:

KISHIMOTO, MASASHI

ADVÍCS CO., LTD.

ASSIGNOR:

IMOTO, YUZO

ASSIGNEE

 \tilde{Z} -1, ASAHI-MACHI KARIYA-CITY, AICHI-PREF. 448-8650

JAPAN

DOC DATE: 07/11/2003

DOC DATE: 07/14/2003

DOC DATE: 07/15/2003

DOC DATE: 07/15/2003

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014355/0946 PAGE 2

SERIAL NUMBER: 10627746

PATENT NUMBER:

FILING DATE: 07/28/2003

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

08-12-2003 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) Attorney Docket No. 14-017 102522089 To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 7.28.03 2. Name and address of receiving party(ies) (1) Hiroaki AIZAWA ADVICS CO., LTD. Name: (2) Shinsuke SAKANE 2-1, Asahi-machi Street Address: (3) Masashi KISHIMOTO Kariya-city, Aichi-pref. (4) Yuzo IMOTO 448-8650 JAPAN Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Correctly Security Agreement Change of Name Other Execution Date(s): (1): July 11, 2003, (2): July 14, Additional name(s) & address(es) attached? 2003, (3)-(4): July 15, 2003 4. Application number(s) or patent number(s): Month Day Year If this document is being filed together with a new application, the execution date of the application is: (1) 07 11 03 07 14 03 03 (3)-(4)Patent Application No.(s) 10627746 B. Patent No.(s) Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents 1 involved: David G. Posz 7. Total fee (37 CFR 3.41). \$ __ 40 Internal Address: X Enclosed Street Address: Posz & Bethards, PLC Authorized to be charged to deposit account 11250 Roger Bacon Drive, Suite 10 8. Deposit account number: City: Reston State: VA Zip: 20190 50-1147

9. Statement and signature.

Name of Person Signing

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

DO NOT USE THIS SPACE

David G. Posz (Reg. No. 37,701)

July 28, 2003

Total number of pages including cover sheet, attachments, and documents: | 2

(Attach duplicate copy of this page if paying by deposit account)

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